# PRAC1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | PRAC (PRAC1), Polyclonal Antibody |
| **Full Product Name** | Anti-PRAC Antibody |
| **Product Gene Name** | anti-PRAC1 antibody |
| **Product Synonym Gene Name** | PRAC |
| **Product Synonym Names** | Small nuclear protein PRAC1; Prostate cancer susceptibility candidate protein 1; Prostate; rectum and colon expressed gene protein. C17orf92; PRAC |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Liquid; Antigen Affinity Purified; PBS + 0.02% NaN3 |
| **Specificity** | Reacts with the N-terminal region of human PRAC protein |
| **Preparation and Storage** | Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage) upon arrival and stored long term at -20 degree C or -80 degree C, while keeping a working aliquot stored at 4 degree C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.<br>After date of receipt, stable for at least 1 year at -20 degree C. |
| **Molecular Weight** | 5,959 Da |
| **Chromosome Location** | Chromosome: 17; NC_000017.10 (46799081..46799882, complement). Location: 17q21 |
| **OMIM** | 609819 |
| **3D Structure** | ModBase 3D Structure for Q96KF2 |
| **Immunogen Species** | Human |
| **Immunogen** | Synthetic peptide corresponding to amino acids from the N-terminal region of human PRAC protein |
| **Country of Origin** | United States |
| **Product Categories/Family for anti-PRAC1 antibody** | Primary Antibody |
| **Applications Tested/Suitable for anti-PRAC1 antibody** | Western Blot (WB) |
| **Application Notes for anti-PRAC1 antibody** | WB: 1:500-1:1000 |
| **Related Product Information for anti-PRAC1 antibody** | PRAC rabbit polyclonal primary antibody from the lab is produced in-house. It detects human PRAC and is antigen affinity purified. It is great for use in WB.<br>PRAC is a novel gene that is expressed in human prostate, prostate cancer, rectum and distal colon. The nuclear localization, identification of potential phosphorylation sites, and possible cotranscription with the Hoxb-13 gene suggest that PRAC may have a regulatory role in the nucleus. |
| **Other Notes** | Small volumes of anti-PRAC1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

| | |
|---|---|
| **Searchable Terms for PRAC1 purchase** | MBS500174 is an antibody targeting PRAC1. Also known as Anti-PRAC Antibody. Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PRAC1. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 14150227 |
| **NCBI GeneID** | 84366 |
| **NCBI Accession #** | NP_115767.1 |
| **UniProt Primary Accession #** | Q96KF2 |
| **UniProt Related Accession #** | Q96KF2 |
| **GenBank Nucleotide #** | NM_032391.2 |
| **NCBI Official Full Name** | small nuclear protein PRAC |
| **NCBI Official Synonym Full Names** | prostate cancer susceptibility candidate |
| **NCBI Official Symbol** | PRAC |
| **NCBI Official Synonym Symbols** | C17orf92; MGC32520 |
| **UniProt Protein Name** | Small nuclear protein PRAC |
| **UniProt Synonym Protein Names** | Prostate, rectum and colon expressed gene protein |
| **Protein Family** | Small nuclear protein |
| **UniProt Gene Name** | PRAC |
| **UniProt Synonym Gene Names** | C17orf92 |
| **UniProt Entry Name** | PRAC_HUMAN |
| **NCBI Protein Information** | small nuclear protein PRAC; OTTHUMP00000216941; prostate, rectum and colon expressed gene protein |
| **NCBI Summary for PRAC1** | This gene is reported to be specifically expressed in prostate, rectum and distal colon. Sequence analysis suggests that it may play a regulatory role in the nucleus. [provided by RefSeq] |
| **UniProt Comments for PRAC1** | PRAC:<br><br>Chromosomal Location of Human Ortholog: 17q21<br><br>Cellular Component: nucleus |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |

| | |
|---|---|
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-prac1-human-antibody/prac/500174